

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re US Patent Application of)
Boris A. Olshvanger and Gregory Bogorodzki)
Filed: Simultaneously herewith.)
Titled: IMPROVED ENTRANCE WINDOW)
FOR GAS FILLED RADIATION)
DETECTORS) Date:

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

Dear Sir:

Attached hereto is the following patent document that is listed on attached Form

PTO/SB/08A:

United States Patent No. 3,296,478, issued January 3, 1967, to Ichinokawa, and titled
PROPORTIONAL COUNTER HAVING A POLYCARBONATE WINDOW, describes
proportional counter in which mica or beryllium windows are replaced with
polycarbonate in order to satisfactorily detect carbon in a fluorescent X-ray analyzer or
an electron probe X-ray microanalyzer.

United States Patent No. 3,196,200, issued October 28, 1975, to Sparks, Jr. et al., and
titled **WINDOW FOR RADIATION DETECTORS AND THE LIKE**, describes an
ionizing radiation detector in which the beryllium window is replaced with a graphite
window.

INFORMATION DISCLOSURE STATEMENT
Inventors: Boris A. Olshvanger and Gregory Bogorodzk

PATENT
150-125

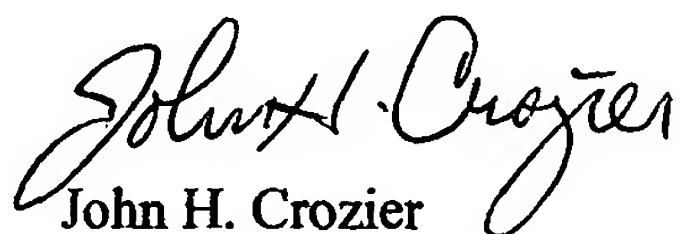
United States Patent No. 4,178,509, issued December 11, 1979, to more et al., and titled SENSITIVITY PROPORTIONAL COUNTER WINDOW, describes a proportional counter window comprising beryllium sealed with thin layer of a thermoplastic material.

United States Patent No. 4,933,557, issued June 12, 1990, to Perkins et al. and titled RADIATION DETECTOR WINDOW STRUCTURE AND METHOD OF MANUFACTURING THEREOF, describes a support structure for a radiation detector window, comprising a frame with a plurality of ribs having smoothed and rounded tops which contact the window.

United States Patent No. 5,013,922, issued May 7, 1991, to Little et al., and titled REDUCED THICKNESS RADIATION WINDOW FOR AN IONIZATION DETECTOR, describes an X-ray detector in which the collimator support or the collimators themselves press against edges of the outside of the window of the detector, thus permitting the window to be much thinner than usual.

United States Patent No. 5,345,083, issued September 6, 1994, and titled X-RAY DETECTOR COMPRISING AN IMPROVED ENTRANCE WINDOW, describes an X-ray detector in which the electrically conductive layer on the inside of the window thereof is formed from iridium, platinum, gold, or a mixture thereof.

Respectfully submitted,



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